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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/082,044 05/20/98 SHAH

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EXAMINER

DINH, K

ART UNIT

PAPER NUMBER

2758

DATE MAILED:

11/10/99

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Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary

Application No.

09/082,044

Applicant(s)

SHAD

Examiner

Khanh Dinh

Group Art Unit

2758

—The MAILING DATE of this communication appears on the cover sheet beneath the correspondence address—

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE THREE MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, such period shall, by default, expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).

Status

- ☒ Responsive to communication(s) filed on 7/27/98
- ☐ This action is **FINAL**.
- ☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

- ☒ Claim(s) 1-21 is/are pending in the application.
- Of the above claim(s) _____ is/are withdrawn from consideration.
- ☐ Claim(s) _____ is/are allowed.
- ☒ Claim(s) 1-21 is/are rejected.
- ☐ Claim(s) _____ is/are objected to.
- ☐ Claim(s) _____ are subject to restriction or election requirement.

Application Papers

- ☒ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.
- ☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.
- ☐ The drawing(s) filed on _____ is/are objected to by the Examiner.
- ☐ The specification is objected to by the Examiner.
- ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119 (a)-(d)

- ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).
- ☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been
- ☐ received.
- ☐ received in Application No. (Series Code/Serial Number) _____.
- ☐ received in this national stage application from the International Bureau (PCT Rule 1.7.2(a)).

*Certified copies not received: _____

Attachment(s)

- ☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____
- ☒ Notice of Reference(s) Cited, PTO-892
- ☒ Notice of Draftsperson's Patent Drawing Review, PTO-948
- ☐ Interview Summary, PTO-413
- ☐ Notice of Informal Patent Application, PTO-152
- ☐ Other _____

Office Action Summary

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DETAILED ACTION

1. Claims 1-21 are presented for examination.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-3, 5-10, 12-17 and 19-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wada et al US pat. No.5,845,079 in view of Logue et al US pat. No.5,935,207.

As to claim 1, Wada discloses a system for communicating with the Internet comprising:

an address parser (migration post transmission unit, 27 of fig.2) that makes a determination of whether said site is a mobile site from an address (see abstract, figs. 2 and 6, col.16 line 32 to col.17 line 45, col.18 lines 16-54 and col.27 lines 17-43).

Wada does not specifically disclose a communication manager to manage said determination.

However, Logue discloses a communications manager (i.e., proxy request processor, 410 of fig.4) that manages communication with a site (see abstract, col.2 lines 19-46 and col.5 line 10 to col.6 line 13). It would have been obvious to one of the ordinary skill in the art at the time the invention was made to utilize a communication manager as taught by Logue into the system of

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Wada because it would have allowed remote servers to control access information more efficiently.

As to claim 2, Logue discloses that the communications manager redirects said communications to a mirror of said site when said site is a mobile site (see figs. 5A, 5B, col.1 line 49 to col.2 line 16, col.6 line 60 to col.7 line 67).

As to claim 3, the Wada-Logue combination discloses that communications manager prompts said site to update said mirror (see Wada's abstract and col.39 lines 28-65 and Logue's col.6 lines 14-41).

As to claim 5, Logue further discloses that the address parser makes said determination of whether said site is said mobile site from a top level domain name of said site (see col.6 lines 1-41 and col.6 line 60 to col.7 line 28).

As to claim 6, Logue further discloses that the communications manager acknowledges said communications to said mobile site (see col.5 lines 31-67).

As to claim 7, the Wada-Logue combination discloses that the communications manager are associated with the internet (see Wada's col.1 line 57 to col.2 line 9 and Logue's fig.1).

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Claims 8-10 and 12-14 are rejected for the same reasons set forth in claims 1-3 and 5-7 respectively.

Claim 15 is rejected for the same reasons set forth in claim 1 with the combination of Wada and Logue. As to the added limitations, Wada further discloses:

a plurality of fixed sites having fixed-site domain names associated with the stationary host (12 of fig.6 and figs .11).

a plurality of mobile sites having mobile-site domain names associated with the mobile host (mobile host 11 of fig.6 and figs.11).

a communications infrastructure (13 of fig.6) that couples ones of said pluralities of fixed and mobile sites for communication.

Claims 16-17 and 19-21 are rejected for the same reasons set forth in claims 1-3 and 5-7 respectively.

4. Claims 4, 11 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wada and Logue as applied to claim 1 above, and further in view of Adiwoso et al US pat. No.5,963,862.

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As to claim 4, Wada and Logue's teachings still applied as in item 3 above. Neither Wada nor Logue discloses that communications manager buffers said communications to accommodate lower bandwidth when said site is a mobile site. However, the step of buffering communications to accommodate lower bandwidth is generally well known in the art as disclosed by Adiwoso (see abstract, fig.3, col.8 line 66 to col.9 line 44). It would have been obvious to one of the ordinary skill in the art at the time the invention was made to implement Adiwoso's teaching into the system of Wada because it would have enabled users to control access links more conveniently.

Claims 11 and 18 are rejected for the same reasons set forth in claim 4.

Other prior art cited

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

a. Spaur et al. US patent no.5,732,074: mobile portable wireless communications system.

b. Shi et al. US patent no.5,875,296: distributed file system web server user authentication with cookies.

c. Wiedeman, US pat. No.5,896,558: interactive fixed and mobile satellite network.

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d. Rich et al., US pat. No.933,832: retrieval system for frequently updated data distributed on network.

Conclusion

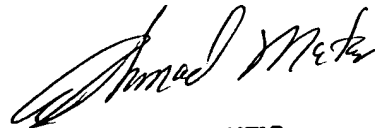
6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khanh Dinh whose telephone number is (703) 308-8528. The examiner can normally be reached on Monday through Friday from 8:00 A.m. to 5:00 P.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on (703) 305-4731. The fax phone number for this group is (703) 305-7201.

A shortened statutory period for reply is set to expire THREE months from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned (35 U.S.C. Sect.133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(A).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305 -9600.

Khanh Dinh
Patent Examiner
Art Unit 2758
October 29, 1999.


AHMAD F. MATAR
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2700